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1.

Document ID: JP 02061313 A,

Relevance Rank: 99

Entry 1 of 1

File:DERWENT

April 12, 1999

DERWENT-ACC-NO: 1990-111403

DERWENT-WEEK: 199015

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TITLE:

Structure for purifying exhaust gas - has ceramic honeycomb structure with cells, inorganic fibre buffer material, vermiculite and organic binder

PATENT-ASSIGNEE: MATSUSHITA ELEC IND CO LTD[MATU]

PRIORITY-DATA: 1988JP-0214041 (August 29, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 02061313 A</u>	March 1, 1990	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP02061313A	N/A	1988JP-0214041	August 29, 1988

IPC: F01N003/28

ABSTRACTED-PUB-NO:JP02061313A

BASIC-ABSTRACT:Structure consists of a ceramic honeycomb having many cells inside, a buffer material wound around the ceramic honeycomb, and a metal container housing the buffer material and having an exhaust gas inlet port facing the front and back sides of the ceramic honeycomb, the face to be touched by the ceramic honeycomb of the buffer material has many holes and/or many grooves. The buffer material is composed mainly of an inorganic fibre, vermiculite, and an organic binder. USE/ADVANTAGE - The exhaust gas-purifying structure to be used in catalyst converter or filter in internal combustion engine, etc., has high mechanical strength against thermal expansion, etc., and can be safely used even when used repeatedly at high-temp.

CHOSEN-DRAWING:Dwg.0/2

TITLE-TERMS:
STRUCTURE PURIFICATION EXHAUST GAS CERAMIC HONEYCOMB STRUCTURE CELL
INORGANIC FIBRE BUFFER MATERIAL VERMICULITE ORGANIC BIND

DERWENT-CLASS: H06 J01 Q51

CPI-CODES: H06-C03; H06-C04; J01-E02D; J01-G03B; J04-E03; N06-C;

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers:C1990-049074
Non-CPI Secondary Accession Numbers:N1990-086016

Full	Citation	Review	Classification	Date	Reference
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Term	Documents
jp-02061313-\$.did	1

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Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: JP 06254401 A,
Relevance Rank: 99

Entry 1 of 1 File: DERWENT April 12, 1999

DERWENT-ACC-NO: 1994-329208

DERWENT-WEEK: 199441

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TITLE:
Denitration catalyst for exhaust gas - comprises an active component contg.
zeolite and a montmorillonite forming agent

PATENT-ASSIGNEE: MITSUBISHI JUKOGYO KK[MITO]

PRIORITY-DATA: 1993JP-0042743 (March 3, 1993)

PATENT-FAMILY:

PUB-NO

JP 06254401 A

PUB-DATE

September 13, 1994

LANGUAGE

N/A

PAGES

003

MAIN-IPC

B01J 029/08

APPLICATION-DATA:

PUB-NO

JP06254401A

APPL-DESCRIPTOR

N/A

APPL-NO

1993JP-0042743

APPL-DATE

March 3, 1993

IPC: B01D053/36; B01J029/08

ABSTRACTED-PUB-NO: JP06254401A
BASIC-ABSTRACT: A catalyst comprises an active component contg. 60-95 wt. % of zeolite and balance of the forming agent of montmorillonite which its exchangeable ions are substituted to Na-, Ca-ion, and voids of more than 10%. USE/ADVANTAGE - Used for the denitration for exhaust gas from engine, and has enough effect even only a small quantity of the expensive TiO₂ is used. In an example, the slurry was prepd. by dissolving Y type zeolite, dried powder of montmorillonite which its all exchangeable ions were substituted by Na ion, methylcellulose and glycerol, and kneaded and sintered at 650 deg. C., and formed to honey-comb shape of outer dimension of 150mm x 150mm, 1mm thick and pitch of 6mm. The gas contg. 500 ppm NOX was treated by this catalyser at temp. of 380 deg. C, and obtd. the denitration effect of 74-77%.

CHOSEN-DRAWING: Dwg. 0/0

TITLE-TERMS:

DENITRATION CATALYST EXHAUST GAS COMPRISE ACTIVE COMPONENT CONTAIN ZEOLITE
MONTMORILLONITE FORMING AGENT

DERWENT-CLASS: E36 H06 J04

CPI-CODES: E31-H; E31-P02B; E31-P02D; H06-C03; J04-E04; N01-C01A;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

C107 C108 C307 C520 C730 C800 C801 C802 C803 C804

C807 M411 M750 M903 M904 M910 N163 Q413 Q414 Q431

Q436 R013

Specific Compounds

01784X 01901X 01902X

Registry Numbers

1784U 1901U 1902U

Chemical Indexing M3 *02*

Fragmentation Code

C500 C730 C800 C801 C802 C804 C806 C807 M411 M750

M903 M904 M910 N163 Q413 Q414 Q431 Q436 R013

Specific Compounds

01713X

Registry Numbers

1713U

Chemical Indexing M3 *03*

Fragmentation Code

C107 C520 C810 M411 M750 M903 M904 M910 N163 Q413

Q414 Q431 Q436 R013

Specific Compounds

01738X

Registry Numbers

1738U

Chemical Indexing M3 *04*

Fragmentation Code

A423 A940 C108 C550 C730 C801 C802 C803 C804 C805

C807 M411 M730 M782 M903 M904 M910 N163 Q413 Q414

Q421 Q431 Q436 Q508 R032

Specific Compounds

01522C 01522M 01522M 01522R 01966C 01966M 01966R 09250C 09250M

Registry Numbers

1522U 1926U 1966U

Chemical Indexing M3 *05*

Fragmentation Code

A111 A220 A313 A940 B114 B701 B712 B720 B831 C101

C108 C802 C804 C805 C807 M411 M730 M782 M903 M904

N163 Q413 Q414 Q421 Q431 Q436 Q508 R032

Markush Compounds

199441-C2901-M 199441-C2901-R 199441-C2901-X

UNLINKED-DERWENT-REGISTRY-NUMBERS:

1522U;1713U ;1738U ;1784U ;1901U ;1902U ;1926U ;1966U

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers:C1994-149253

Full	Citation	Review	Classification	Date	Reference
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Term	Documents
jp-06254401-\$.did.	1

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